South Carolina
Commission on Higher Education

CAAL
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Agenda Item 3

December 6, 2012

MEMORANDUM

To: Dr. Bettie Rose Horne, Chairman, and Members, Committee on Academic Affairs and Licensing

From: Ms. Renea Eshleman, Acting Director of Academic Affairs and Licensing

Consideration of Request for Initial License to Recruit SC Residents
Ohio Technical College, Cleveland and PowerSport Institute, North Randall, OH
A.A.S., Complete Automotive Technology, High Performance and Racing, Diesel Equipment Technology, Auto-Diesel Technology, Collision Repair & Refinishing with Custom Paint & Graphics, Classic Car Restoration, PowerSport Technology

Summary

Ohio Technical College (OTC) (http://www.ohiotech.edu/) of Cleveland, Ohio, requests approval to recruit South Carolina residents into on-ground programs leading to the Associate in Applied Science (A.A.S.) degree in Complete Automotive Technology, High Performance and Racing, Diesel Equipment Technology, Auto-Diesel Technology, Collision Repair & Refinishing with Custom Paint & Graphics, and Classic Car Restoration. OTC also requests approval to recruit SC residents into its on-ground program leading to the A.A.S. degree in PowerSport Technology at its branch campus, PowerSport Institute, in North Randall, Ohio. The proposal is to begin advertising and soliciting immediately upon approval by the Commission.

OTC is a private, for-profit technical college located in Cleveland, Ohio. It consists of a main campus, in Cleveland, OH, and one branch campus, PowerSport Institute, in North Randall, Ohio. The College was founded in 1969 as Ohio Diesel Mechanics School and, after various name changes, became OTC in 1997; the PowerSport Institute branch campus opened in 2008. The College is owned by Marc L. Brenner, who has served as president since 1982. The Accrediting Commission of Career Schools and Colleges (ACCSC) has accredited OTC since 1973 and OTC is approved by the Ohio State Board of Career Colleges and Schools to offer certificates, diplomas, and associate's degrees. The PowerSport Institute was included in the College's accreditation in 2008 and is also approved by the Ohio State Board of Career Colleges and Schools to offer certificates, diplomas, and associate's degrees in PowerSport Technology.

The following information from the U.S. Department of Education shows student loan default rates at OTC:

School	Type	Control	PRGMS		FY2010	FY2009	FY2008
Ohio Technical College Cleveland, OH	Associate's Degree	Proprietary	Federal Family Education Loans and Federal Direct Loans (FFEL/FDL)	**Default Rate**	13.9%	16%	10.6%
				No. in Default	93	91	48
				No. in Repay	669	568	452
				Enrollment figures	1419	1,312	1,198
				Percentage	47.1%	43.3%	37.7%

To provide context for the Cohort Default Rate (CDR), USDE includes enrollment data (students enrolled at any time during the year) and a corresponding percentage (borrowers entering repayment divided by that enrollment figure). While there is no direct relationship between the timing of when a borrower entered repayment (October 1 through September 30) and any particular enrollment year, these data are for the academic year ending on the June 30 prior to the beginning of the cohort year (e.g., FY 2010 CDR Year uses 2008-2009 enrollment).

The U. S. Department of Education sanctions a school when the school's three most recent cohort default rates are 25 percent or higher or if a school's current default rate is greater than 40 percent. Except in the event of a successful adjustment or appeal, such a school will lose FFEL, Direct Loan, and Federal Pell Grant program eligibility for the remainder of the fiscal year in which the school is notified of its sanction and for the following two fiscal years.

OTC's facilities encompass over 800,000 square feet and consist of one large building divided into classrooms, shop space, administrative offices, a café, and a campus store, as well as several additional shop spaces and a campus resource center across the street from the main building. The PowerSport Institute facility consists of a 207,000 square foot space featuring shop space, a resource center, a campus store, a tool store, and a café. Each program area has a dedicated workshop outfitted with equipment, tools, and full-size vehicles in order to provide students with adequate hands-on experience.

Both campuses provide resource centers with computer terminals, maintenance manuals, reference materials, trade publications, and access to the ALLDATA system, a provider of service and repair information to the professional automotive service and collision industries. The resource centers maintain flexible hours in order to accommodate students before and after classes.

The PowerSport Institute campus director reports to the president of Ohio Technical College, as do the directors of enrollment management, education, training, operations, and the business office. Faculty report to the department managers of their respective programs; department managers report to the director of technical education, under the director of training. Faculty members who teach technical courses must have, at minimum, a high school education and three years of experience in the field. Technical course faculty must also be certified by the National Institute for Automotive Service Excellence (ASE) in the courses they

teach. Faculty members who teach general education courses are required to hold a master's degree with a major in the teaching discipline.

Currently, one South Carolina resident is enrolled in OTC/PowerSport Institute. Institution officials project to enroll approximately three to five more SC residents per program once receiving approval from the Commission to advertise in the State.

The following table shows the tuition, credit hours, loan debt, graduation rate, and placement rate by discipline.

Discipline	Associate Degree Total Clock Hours	Total Tuition	Median Federal Loan Debt	Graduation Rate	Placement Rate
Collision Repair & Refinishing Technology with Custom Paint & Graphics	2100	$29,400	$16,000	69%	77%
Auto-Diesel Technology	2100	$29,400	$12,000	53%	75%
Classic Car Restoration	2100	$29,400	$12,000	88%	75%
Complete Automotive Technology	2100	$29,400	$12,000	71%	73%
Diesel Equipment Technology	2100	$29,400	$12,000	83%	85%
High Performance & Racing Technology	2100	$29,400	$12,000	100%	78%
PowerSport Technology	2100	$31,620	$12,000	79%	75%

For admission to OTC or the PowerSport Institute, applicants must have a high school diploma or equivalent, interview with an admissions representative, and score a 60% on the OTC admission exam.

The following provides a brief description of the program and information about specialized programmatic accreditation, practitioner licensure, U. S. Bureau of Labor Statistics data, and similar programs offered by other institutions in the state.

A.A.S., Complete Automotive Technology, High Performance and Racing, Diesel Equipment Technology, Auto-Diesel Technology, Collision Repair & Refinishing with Custom Paint & Graphics, and Classic Car Restoration, Ohio Technical College

The programs leading to the A.A.S. degree in Complete Automotive Technology, High Performance and Racing, Diesel Equipment Technology, Auto-Diesel Technology, Collision Repair & Refinishing with Custom Paint & Graphics, Classic Car Restoration are designed to prepare graduates for entry-level employment as automotive technicians with various areas of focus. The primary goal of these programs is to provide graduates with the technical skills to isolate, troubleshoot, and diagnose all types of vehicle problems and make the necessary repairs and adjustments. The second goal of the programs is to provide a well-rounded education that prepares graduates to attain management positions.

The U.S. Department of Labor, Bureau of Labor Statistics, *Occupational Outlook Handbook (OOH) 2012-13 Edition* lists the 2010 median pay Automotive Service Technicians and Mechanics at $17.21 per hour and at $19.24 for Diesel Service Technicians and Mechanics. Job growth for both occupations is projected to be about as fast as the average for all occupations. The OOH also states that entry-level education required for automotive service technicians is a high school diploma or equivalent; however, many employers prefer technicians who have completed a formal training program at a postsecondary institution. In addition, many employers require industry certification. The programs offered at OTC prepare students for relevant certification exams offered by the ASE.

The National Automotive Technician Education Foundation (NATEF) evaluates technician training programs against standards developed by the automotive industry and recommends qualifying programs for NATEF accreditation. In 2002 NATEF granted the initial Master Certification to Ohio Technical College as a Master Training school for its automotive, diesel, and collision repair programs. This recognition was renewed in 2007.

The following charts outline the curriculum of each program:

A.A.S., Complete Automotive Technology			
Course Number	**Course Name**	**Clock Hours**	**Credit Hours**
AUT 1	Engine Repair	150	8.5
AUT 2	Automatic Transmissions & Transaxles	150	8.5
AUT 3	Manual Drive Train & Transaxles	150	8.5
AUT 4	Steering & Suspension	150	8.5
AUT 5	Brakes	150	8.5
AUT 6	Electrical & Electronic Systems	150	9
AUT 7	Heating & Air Conditioning	150	9
AUT 8	Engine Performance 1	150	9
AUT 9	Engine Performance II	150	9
AUT 10	Hybrid Electric Vehicles	150	8.5
AUT 11	Body Control Systems and Welding	150	9
AUT 12	Street Performance	150	8.5
SOC 101	Principles of Sociology	30	3
PSY 102	Principles of Psychology	40	4
ECO 103	Principles of Economics	40	4
PS 104	Proper Speech	40	4
ENG 105	Business Communications	40	4
MAT 106	Business Mathematics	40	4
SCI 107	Science in a Technical World	30	3
CS 108	Computer Applications	40	4
Totals		**2100**	**134.5**

A.A.S., High Performance and Racing			
Course Number	**Course Name**	**Clock Hours**	**Credit Hours**
HP 1	Electrical & Electronic Systems I	150	9
HP 2	Electrical & Electronic Systems II	150	9
HP 3	Introduction & Basic High Performance Engine	150	8.5
HP 4	Engine Builder: Cylinder Heads & Valves	150	8.5
HP 5	Carburetors, Intakes & Tuning	150	9
HP 6	Forced Air Induction Bolt-On	150	9
HP 7	Automatic & Standard Transmissions: Driveline & Differential	150	9
HP 8	Steering & Suspension	150	8.5
HP 9	Welding & Fabrication	150	8.5
HP 10	Chassis Fabrication	150	8.5
HP 11	Brakes	150	8.5
HP 12	Motor Sports Management	150	8.5
SOC101	Principles of Sociology	30	3
PSY102	Principles of Psychology	40	4
ECO103	Principles of Economics	40	4
PS104	Proper Speech	40	4
ENG 105	Business Communications	40	4
MAT 106	Business Mathematics	40	4
SCI 107	Science in a Technical World	30	3
CS 108	Computer Applications	40	4
Totals		**2100**	**134.5**

A.A.S., Diesel Equipment Technology			
Course Number	**Course Name**	**Clock Hours**	**Credit Hours**
DET 1	Diesel Engines I	150	8.5
DET 2	Diesel Engines II	150	9
DET 3	Drive Train I	150	8.5
DET 4	Brakes	150	8.5
DET 5	Steering & Suspension	150	8.5
DET 6	Electrical & Electronic Systems	150	9
DET 7	Heating & Air Conditioning	150	9
DET 8	Preventative Maintenance & Inspection	150	9
DET 9	Industrial Equipment I	150	9
DET 10	Industrial Equipment II	150	8.5
DET 11	Drive Train II	150	8.5
DET 12	Light Duty Diesel	150	8.5
SOC 101	Principles of Sociology	30	3
PSY 102	Principles of Psychology	40	4
ECO 103	Principles of Economics	40	4
PS 104	Proper Speech	40	4
ENG 105	Business Communications	40	4
MAT 106	Business Mathematics	40	4
SCI 107	Science in a Technical World	30	3
CS 108	Computer Applications	40	4
Totals		**2100**	**134.5**

A.A.S., Auto-Diesel Technology			
Course Number	**Course Name**	**Clock Hours**	**Credit Hours**
DET 1	Diesel Engines I	150	8.5
DET 6	Electrical & Electronic Systems	150	9
DET 2	Diesel Engines II	150	9
ADT 2	Truck Brakes & Suspension Systems	150	8.5
AUT 8	Engine Performance 1	150	9
AUT 9	Engine Performance II	150	8.5
AUT 1	Engine Repair	150	8.5
AUT 10	Hybrid Electric Vehicles	150	9
ADT 6	Drive Train	150	8.5
ADT 7	Automotive Steering Suspension & Brakes	150	8.5
DET 7	Heating & Air Conditioning	150	9
ADT 9	Welding & Preventive Maintenance Inspection	150	8.5
SOC 101	Principles of Sociology	30	3
PSY 102	Principles of Psychology	40	4
ECO 103	Principles of Economics	40	4
PS 104	Proper Speech	40	4
ENG 105	Business Communications	40	4
MAT 106	Business Mathematics	40	4
SCI 107	Science in a Technical World	30	3
CS 108	Computer Applications	40	4
Totals		**2100**	**134.5**

A.A.S., Collision Repair & Refinishing with Custom Paint & Graphics			
Course Number	**Course Name**	**Clock Hours**	**Credit Hours**
CRT 1	Essentials of Collision Repair	150	9
CRT 2	Intermediate Collision Repair	150	8.5
CRT 3	Advanced Collision Repair	150	8.5
CRT 4	Collision Repair Welding	150	8.5
CRT 5	Structural Analysis & Damage Repair	150	8.5
CRT 6	Electrical Fundamentals & System Operation	150	9
CRT 7	Mechanical Systems & Components I	150	9
CRT 8	Mechanical Systems & Components I	150	9
CRT 9	Collision Refinishing	150	8.5
CRT 10	Custom Paint & Graphics I	150	8.5
CRT 11	Custom Paint & Graphics II	150	8.5
CRT 12	Shop Business, Damage Analysis & Estimating	150	9
SOC101	Principles of Sociology	30	3
PSY102	Principles of Psychology	40	4
ECO103	Principles of Economics	40	4
PS104	Proper Speech	40	4
ENG 105	Business Communications	40	4
MAT 106	Business Mathematics	40	4
SCI 107	Science in a Technical World	30	3
CS 108	Computer Applications	40	4
Totals		**2100**	

A.A.S., Classic Care Restoration			
Course Number	**Course Name**	**Clock Hours**	**Credit Hours**
RES 1	Restoration Fundamentals	150	9
RES 2	Welding and Metalworking I	150	9
RES 3	Metalworking II	150	8.5
RES 4	Nonstructural Repair	150	8.5
RES 5	Painting and Refinishing I	150	9
RES 6	Painting and Refinishing II	150	9
RES 7	Engine Repair	150	9
RES 8	Electrical and Electronic Systems	150	8.5
RES 9	Frame and Drive Train	150	8.5
RES 10	Steering, Suspension and Brakes	150	8.5
RES 11	Automotive Trim and Upholstery	150	8.5
RES 12	Final Assembly	150	8.5
SOC101	Principles of Sociology	30	3
PSY102	Principles of Psychology	40	4
ECO103	Principles of Economics	40	4
PS104	Proper Speech	40	4
ENG 105	Business Communications	40	4
MAT 106	Business Mathematics	40	4
SCI 107	Science in a Technical World	30	3
CS 108	Computer Applications	40	4
Totals		**2100**	

Florence-Darlington, Greenville, Midlands, Orangeburg-Calhoun, Piedmont, Spartanburg, Tri-County, and York technical colleges offer programs leading to the A.A.S. degree in automotive-technology. Bob Jones University also offers a program leading to the A.A.S. degree in automotive service. Fifteen technical colleges offer certificate programs in automotive specialties. The Commission also licenses Lincoln College of Technology, Universal Technical Institute, and WyoTech a/k/a Wyoming Technical Institute to recruit SC residents into programs leading to non-degree certificates or diplomas or associate's degrees in related programs.

A.A.S., PowerSport Technology, PowerSport Institute

The program leading to the A.A.S. degree in PowerSport Technology at the PowerSport Institute is designed to prepare graduates for entry-level employment as motorcycle and powersport vehicle technicians. Students learn maintenance and care of personal watercraft, all-terrain vehicles, motorcycles, and snowmobiles. The goal of the program is to provide a well-rounded education that allows graduates to advance in their careers and to attain management positions.

The U.S. Department of Labor, Bureau of Labor Statistics, *Occupational Outlook Handbook (OOH) 2012-13 Edition* lists the 2010 median pay for Small Engine Mechanics at $15.29 per hour and projected job growth to be faster than the average for all occupations. The OOH also states that entry-level education required for automotive service technicians is a high

school diploma or equivalent; however, those with formal training should have very good job opportunities.

There is no specialized programmatic accrediting body for PowerSport programs. Practitioner licensure or certification is not required for employment; however, PowerSport Institute meets the standards and criteria set forth by several industry-recognized national organizations, such as Honda, Kawasaki, and Yamaha.

The following chart outlines the curriculum of the program:

A.A.S., PowerSport Technology			
Course Number	**Course Name**	**Clock Hours**	**Credit Hours**
PSI 1	Engine Systems- Core Skills	75	4.5
PSI 2	Fuel Systems Maintenance & Repair	75	4.5
PSI 3	Intro to Electrical Systems	75	4.5
PSI 4	Chassis & Suspension Systems Service	75	4.5
PSI 5	Advanced Electrical Systems	75	4.5
MS 1	Honda Technology	300	17.5
MS 2	Kawasaki Technology	300	17.5
MS 3	Yamaha Technology	300	17.5
MS 4	Suzuki Technology	300	17
MS 5	Off Road Technology	225	12.5
SOC101	Principles of Sociology	30	3
PSY102	Principles of Psychology	40	4
ECO103	Principles of Economics	40	4
PS104	Proper Speech	40	4
ENG 105	Business Communications	40	4
MAT 106	Business Mathematics	40	4
SCI 107	Science in a Technical World	30	3
CS 108	Computer Applications	40	4
Totals		**2100**	**134.5**

No public institutions in the state offer a program leading to the associate degree in powersport technology. The Commission licenses Universal Technical Institute and WyoTech a/k/a Wyoming Technical Institute to recruit SC residents into programs leading to diplomas in motorcycle and marine technologies.

Recommendation

The staff recommends that the Committee on Academic Affairs and Licensing commend favorably to the Commission initial licensure for five years to Ohio Technical College and PowerSport Institute to recruit South Carolina residents into programs leading to the A.A.S. degree in Complete Automotive Technology, High Performance and Racing, Diesel Equipment Technology, Auto-Diesel Technology, Collision Repair & Refinishing with Custom Paint & Graphics, Classic Car Restoration, PowerSport Technology.